

Amendments to the claims

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

receive a message in a system for a new quote for a trading item;
compare the new quote to one or more existing quotes for the same item, including determine whether the received message is a duplicate of an earlier received message;
transmit an alert message in response to comparing if the new quote causes a locked or crossed market condition and responsive to the received alert message not being a duplicate; and
update one of the inside quotes in the system in response to the new quote being one of a higher bid quote and a lower ask quote.

2. (Previously Presented) The computer program product of claim 1, wherein transmit the alert message is responsive to crossing quotes having price differences greater than a preselected threshold amount.

3. (Previously Presented) The computer program product of claim 1 wherein the existing quotes are inside quotes.

4-5. (Canceled).

6. (Previously Presented) The computer program product of claim 3 wherein the trading item is a security.

7 – 52. (Withdrawn)

53. (Previously Presented) A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

- in a network, receive a message in a server for a new quote for a trading item;
- compare the new quote to existing inside quotes for the same trading item;
- update one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote; and
- generate an alert if the new quote is determined to represent an unusual quote value.

54. (Previously Presented) The computer program product of claim 53 further comprising transmitting the generated alert.

55. (Previously Presented) The computer program product of claim 53 in which the trading item is a security.

56-57. (Canceled).

58. (Previously Presented) The computer program product of claim 53 in which compare the new quote to existing inside quotes comprises determine whether the received message is a duplicate of an earlier received message.

59. (Previously Presented) The computer program product of claim 58 in which generate the alert is responsive to the received message not being a duplicate.

60. (Previously Presented) The computer program product of claim 53 in which the unusual quote value represents a locked market condition.

61. (Previously Presented) The computer program product of claim 60 in which the locked market condition occurs when an inside ask and bid quote for the trading item are equal.

62. (Previously Presented) The computer program product of claim 53 in which the unusual quote value represents a crossed market condition.

63. (Previously Presented) The computer program product of claim 62 in which the crossed market condition occurs when an inside bid quote is greater than an inside ask quote for the trading item.

64. (Previously presented) A computer program product, tangibly embodied in an information carrier, for detecting alert conditions in a market, the computer program product being operable to cause data processing apparatus to:

- receive a message for a new quote for a trading item;
- compare the new quote to one or more existing inside quotes for the same item; and
- transmit an alert message in response to comparing if the new quote causes a locked or crossed market condition; and

update one of the inside quotes in response to the new quote being one of a higher bid quote and a lower ask quote.

65. (Previously presented) The product of claim 64 in which the existing quotes are inside quotes.

66-68. (Canceled).